#### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

### (19) World Intellectual Property Organization

International Bureau



### . 1 (0 1 D) (1 M 1 D) 1 D (1 D) (1 D)

## (43) International Publication Date 11 March 2004 (11.03.2004)

**PCT** 

# (10) International Publication Number WO 2004/020399 A1

- (51) International Patent Classification<sup>7</sup>: C07C 255/20, 255/31, 327/20, C07D 307/10, A01N 43/08
- (21) International Application Number:

PCT/JP2003/010726

- (22) International Filing Date: 26 August 2003 (26.08.2003)
- (25) Filing Language:

English

(26) Publication Language:

English

- (30) Priority Data: NO. 2002-250355 29 August 2002 (29.08.2002) JP
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MALONONITRILE COMPOUND AND USE THEREOF AS PESTICIDES

$$\begin{array}{c|cccc}
CN & R^3 \\
 & & & & \\
R^1 & --CH --C --C --C --Z^2R^5 & (A) \\
 & & & & & \\
R^2 & & & & & Z^1
\end{array}$$

(57) Abstract: The present invention relates to a novel malononitrile compound represented by the formula (A): wherein, R<sub>1</sub> represents C1 to C6 alkyl that may be substituted with halogen, C2 to C6 alkenyl that may be substituted with halogen,

etc;  $R_2$  represents hydrogen atom or C1 to C6 alkyl that may be substituted with halogen;  $R_3$  represents hydrogen atom or C1 to C6 alkyl;  $R_4$  represents hydrogen atom or C1 to C6 alkyl;  $R_5$  represents C1 to C6 alkyl that may be substituted with halogen, C3 to C6 alkenyl that may be substituted with halogen, etc., or  $R_4$  and  $R_5$  may be combined at their terminal and represent ethylene that may be substituted with C1 to C3 alkyl or trimethylene that may be substituted with C1 to C3 alkyl; and  $Z_1$  and  $Z_2$ , which are the same or different, represent oxygen atom or sulfur atom. The malononitrile compound has an efficient pesticidal activity and can control effectively pests such as insect pests, acarine pests, nematode pests and the like.

